## FIG. 1

1	LOCAL NETWORK
2	PUBLIC NETWORK
15	CONTROL SECTION
16	STORAGE SECTION
17	FIRST COMMUNICATION CONTROL SECTION
18	SECOND COMMUNICATION CONTROL SECTION
31	CONTROL SECTION
32	STORAGE SECTION
33	COMMUNICATION CONTROL SECTION
34	DISPLAY SECTION
35	OPERATION SECTION
41	CONTROL SECTION
42	STORAGE SECTION

43 COMMUNICATION CONTROL SECTION

- S1 PROMPT USER TO ENTER USER NAME AND PASSWORD
- S2 ACCEPT ENTRY OF USER NAME AND PASSWORD
- S3 GENERATE UNIQUE INFORMATION
- S4 DO ENCRYPTION RESULTS OF FIRST, SECOND INFORMATION MATCH?

## INTERRUPT PROCESSING

- S5 ENCRYPT USER NAME AND PASSWORD BY FIRST ENCRYPTION METHOD
- S6 DECRYPT NETWORK ADDRESS OF AUTHENTICATION SERVER
- S11 SEARCH FOR USER NAME AND PASSWORD .
- S12 ACQUIRE NETWORK ADDRESS OF CONNECTION SERVER . .
- S13 ACQUIRE NETWORK ADDRESS OF CLIENT
- S14 TRANSMIT NETWORK ADDRESS OF CLIENT
- S15 WAIT

- S21 ALLOW ACCESS FROM CLIENT TO BE ACCEPTED FOR GIVEN TIME
- S22 TRANSMIT MESSAGE INDICATING TRANSITION TO CONNECTION WAIT STATE
- S31 TRANSMIT CONNECTION COMMAND
- S41 ENCRYPT USER NAME AND PASSWORD BY SECOND ENCRYPTION METHOD
- S42 TRANSMIT SECOND ENCRYPTED USER NAME AND SECOND ENCRYPTED
  PASSWORD
- S51 DOES ENCRYPTED INFORMATION MATCH REGISTERED INFORMATION?

  INTERRUPT PROCESSING
- S52 START pptp COMMUNICATIONS